

## SOLE SOURCE REQUEST FOR GEOGRAPHIC INFORMATION SYSTEM (GIS) SOFTWARE AGREEMENT

### Recommendation

That a sole source agreement for Geographic Information System (GIS) software and services between the City of Edmonton and Esri Canada Ltd., for an amount not to exceed \$18.3 million (inclusive of GST) over 10 years beginning January 1, 2027, and ending December 31, 2036, as outlined in the June 4, 2025, Financial and Corporate Services report FCS03009, be approved and that the agreement be in form and content acceptable to the City Manager.

Requested Action		Decision required	
ConnectEdmonton's Guiding Principle		ConnectEdmonton Strategic Goals	
CONNECTED This unifies our work to achieve our strategic goals.		N/A	
City Plan Values	N/A		
City Plan Big City Move(s)	N/A	Relationship to Council's Strategic Priorities	Conditions for service success
Corporate Business Plan	Managing the corporation		
Council Policy, Program or Project Relationships	<ul style="list-style-type: none"><li>Bylaw 16620 - City Administration Bylaw</li><li>Bylaw 20001 - Zoning Bylaw</li></ul>		
Related Council Discussions	<ul style="list-style-type: none"><li>N/A</li></ul>		

### Executive Summary

- The City uses Esri Geographic Information System software products to create, manage, analyze and connect data to maps, integrating location data with a variety of descriptive information.

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- The City has been leveraging preferred pricing through an Esri agreement with the Government of Alberta since May 28, 2018.
  - The current four-year Enterprise Agreement will expire December 31, 2026.
- Executive Committee approval is required for agreements with a value over \$1,000,000.
  - Administration is asking for approval to proceed with a sole source contract for up to 10 years (2027 to 2036) for a value not to exceed \$18,300,000.
  - No additional funding is required for this request. The budget has already been allocated towards this agreement.

## **REPORT**

### **Background**

- GIS is a key technology driver for our highly efficient automated land development workflows.
- The City has a modern and effective GIS technology platform. This is a sole source agreement as there is no alternate supplier that is able to provide a product compatible with our current platform.
- Examples of operationally-necessary Esri integrations with other City platforms include:
  - 9-1-1 address lookup and vehicle routing for Fire Rescue Services and bylaw officers;
  - Supporting property mapping, assessment and ownership transaction management;
  - Enabling zoning, planning, land development and permitting workflows through integration with the City's workflow platform, POSSE;
  - Providing asset management for connected systems such as SAP, Enterprise Commons and Tririga;
  - Route planning, vehicle tracking, and service status reporting for transit, waste collection and snow and ice control services;
  - Managing administrative boundaries such as neighbourhoods, districts, and civic wards; and
  - Submitting 311 tickets based on addresses or GPS locations within the mobile app.

### **Budget/Financial Implications**

Funding for the suite of GIS software is part of the current and planned operational budgets in the future. No new budget is required to continue this service.

### **Legal Implications**

As per the City Administration Bylaw 16620, agreements exceeding \$1,000,000 that do not arise from a competitive procurement process must be approved by the appropriate Standing Committee.

The City is subject to trade agreements that require an open competitive process for procurements of this value, unless a trade agreement exemption applies. For this procurement, there is an exemption in each applicable trade agreement for goods or services that can be

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supplied only by one supplier. There is also a Canadian Free Trade Agreement exemption for goods or services supplied to ensure compatibility with existing products.

### **Community Insight**

Public engagement and/or research were not completed for this report, as it is related to internal administrative functions.

### **GBA+**

A key strength of Esri is its capacity to analyze data disaggregated by various demographic factors, including gender, age, ethnicity, income and disability. This capability is essential for the City to gain a nuanced understanding of disparities in service delivery across different communities. By mapping and analyzing spatial patterns of social and economic indicators, Esri enables Administration to identify areas where specific populations may face disproportionate challenges, such as limited access to green spaces, higher exposure to environmental risks or inadequate proximity to essential services. This granular level of analysis is critical for evidence-based decision-making aimed at promoting equity.

### **Environment and Climate Review**

This report was reviewed for environment and climate risks. Based on the review completed no significant interactions with the City's environmental and climate goals were identified within the scope of this report.